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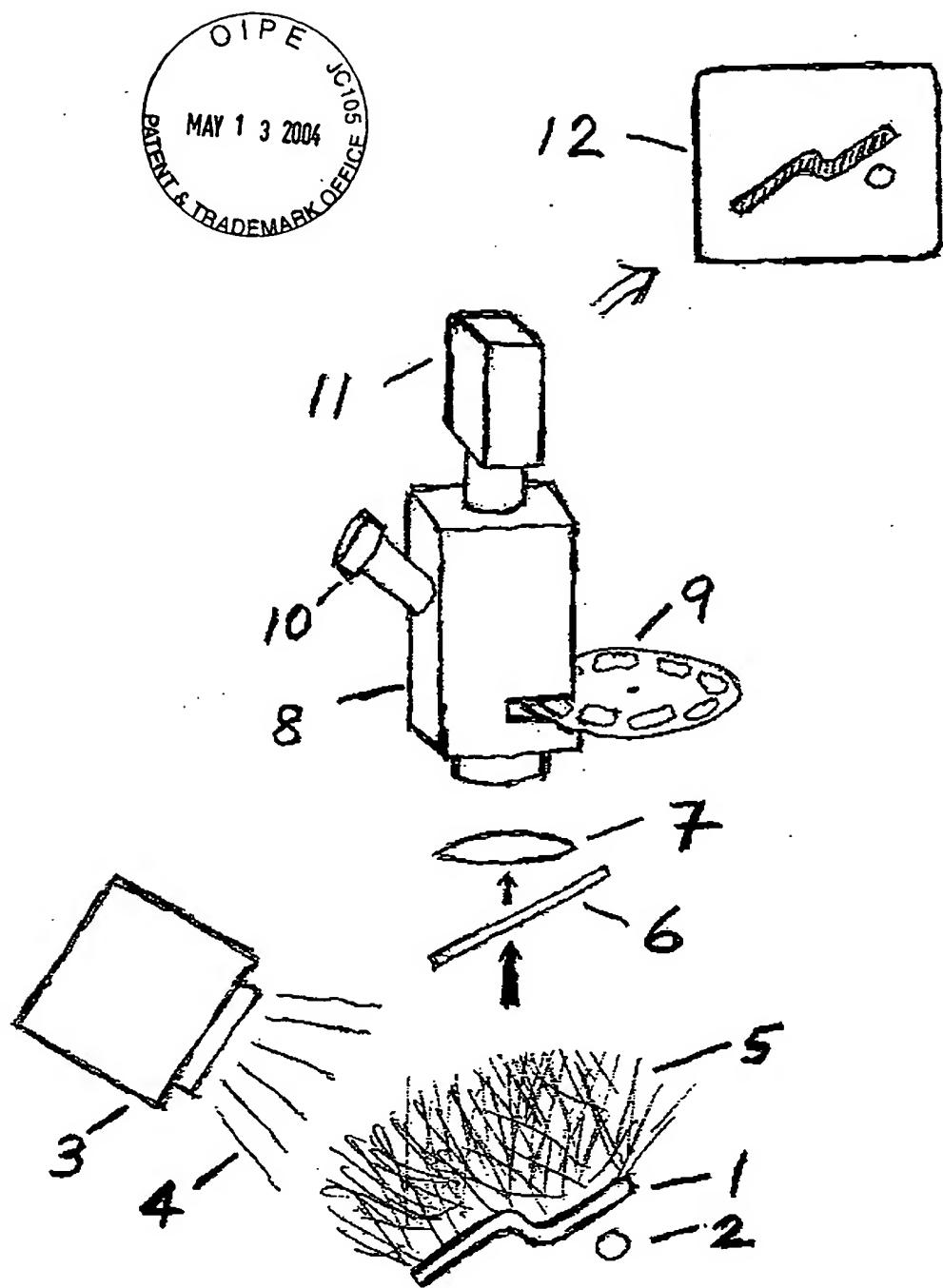
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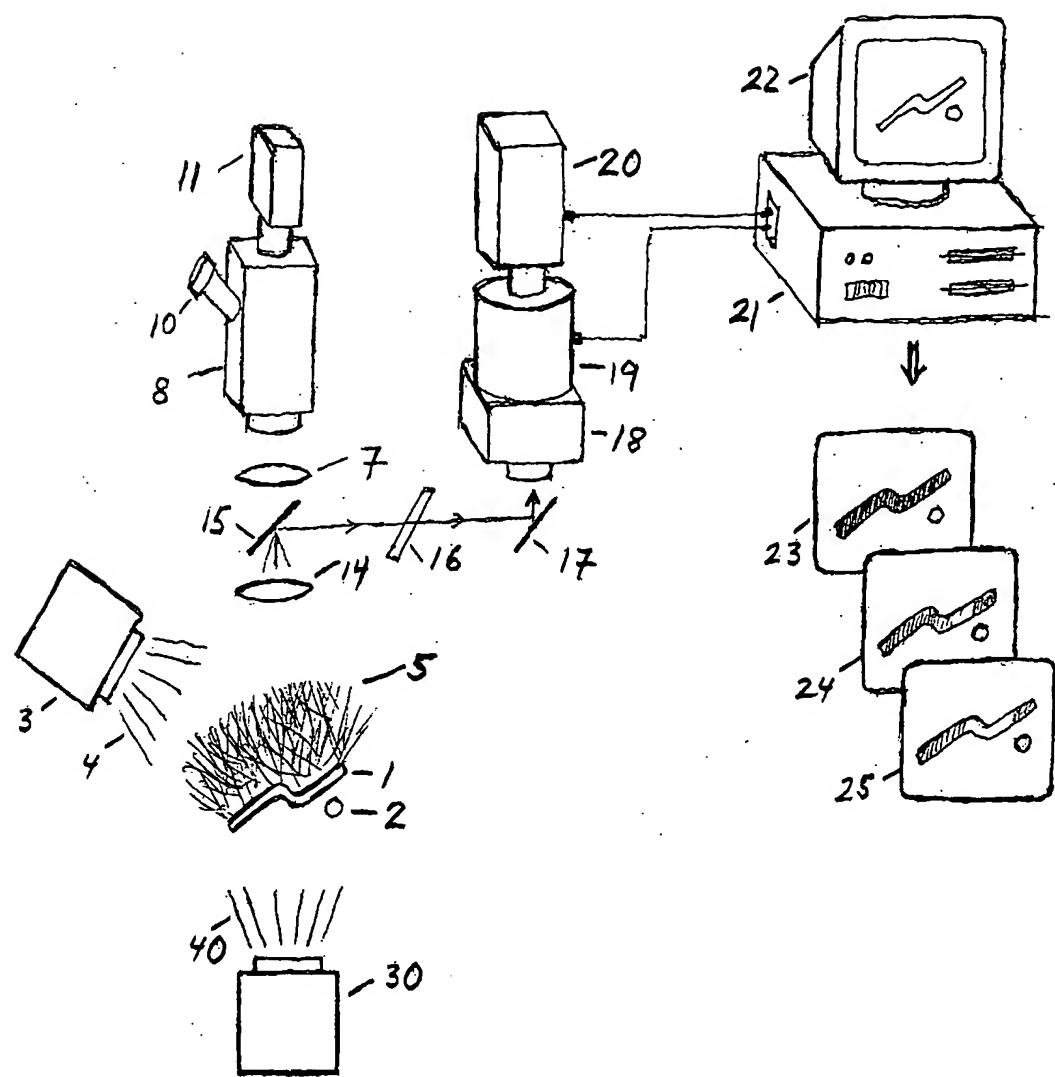
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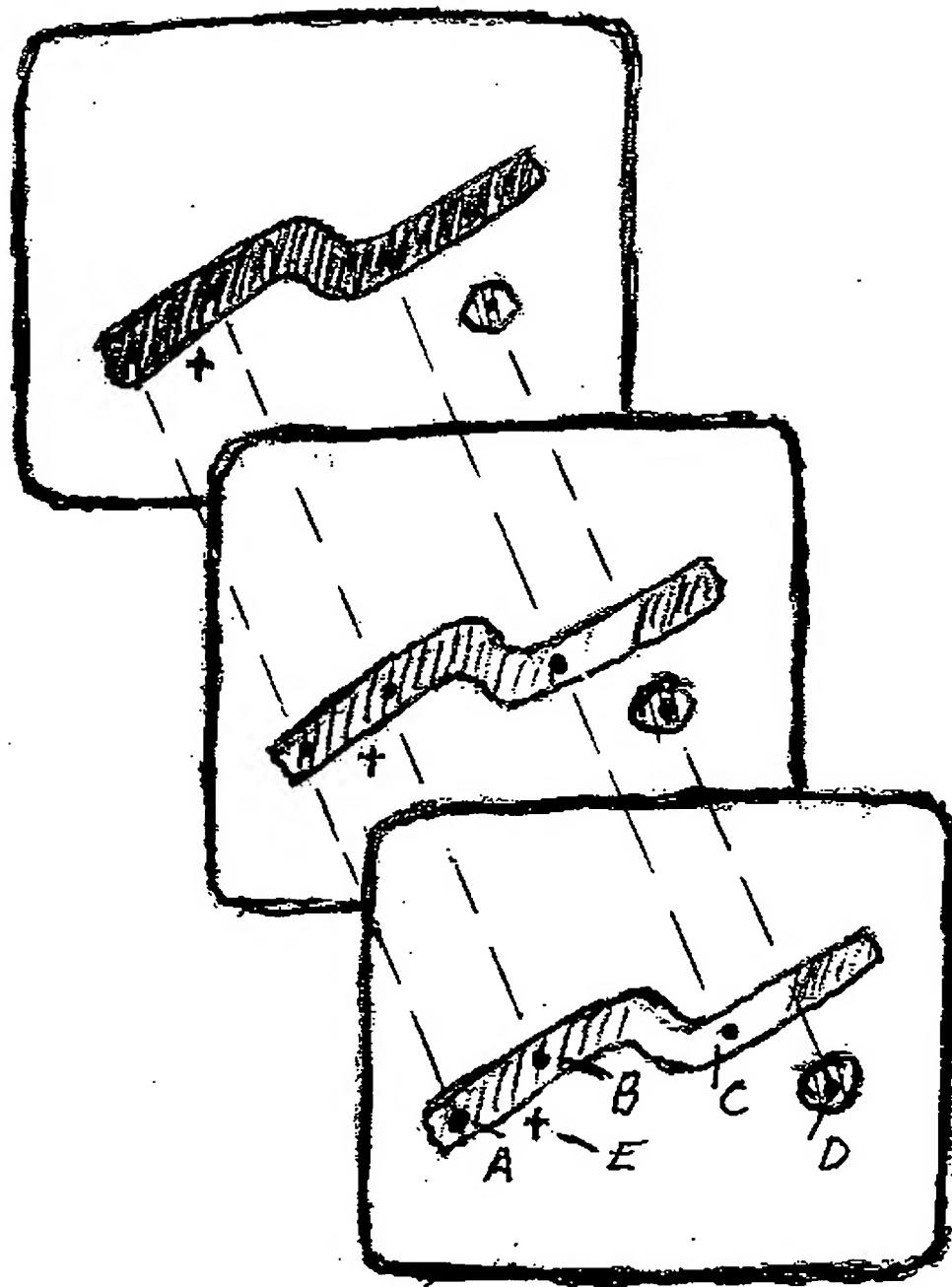
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**Figure 1**  
**(Prior Art)**



**Figure 2**



**Figure 3**

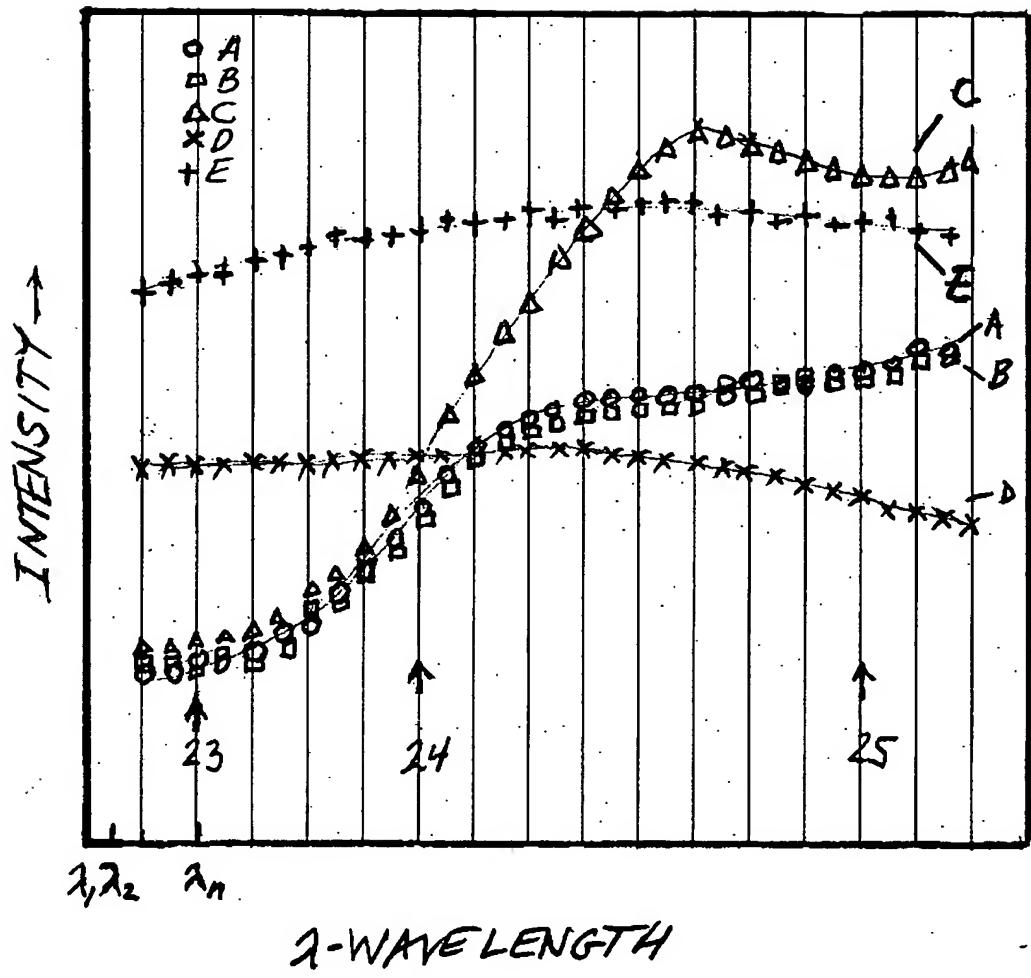
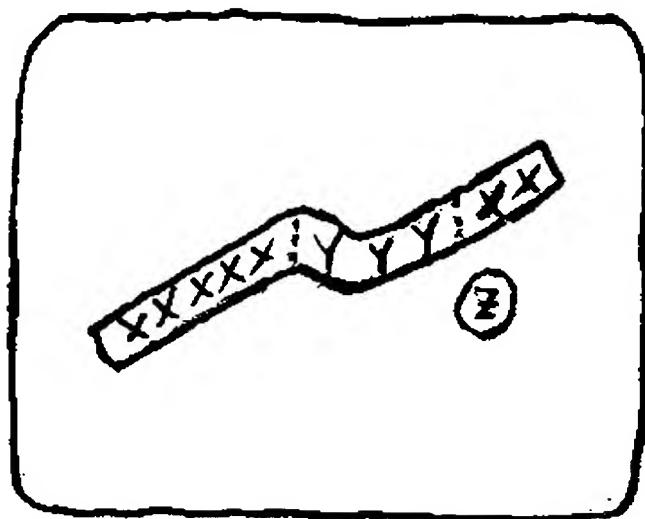


Figure 4

5A:



5B:

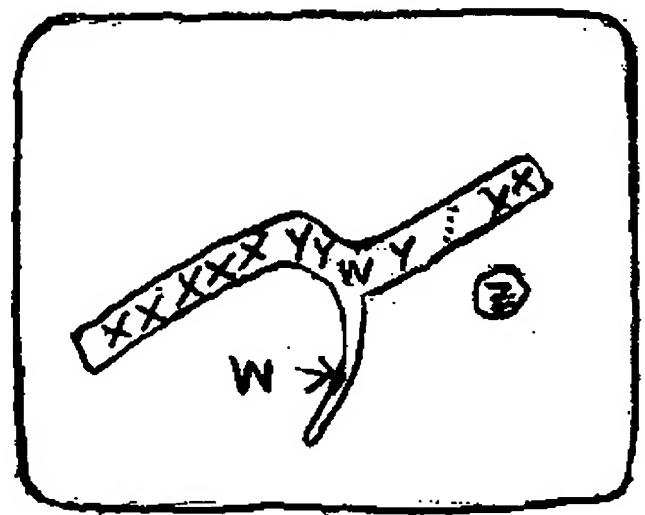
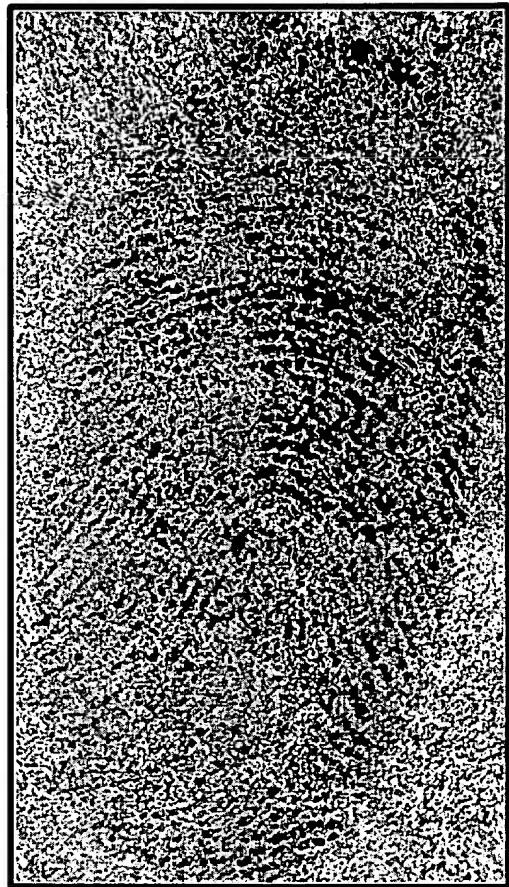


Figure 5

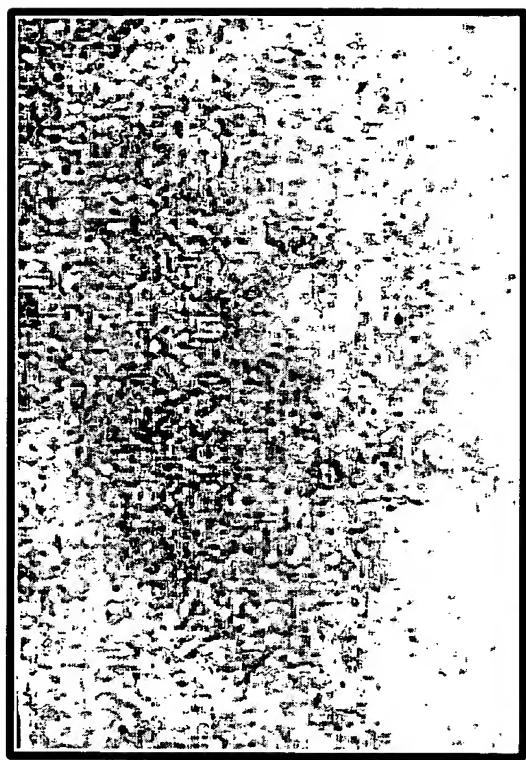


**A**



**B**

**Figure 6**

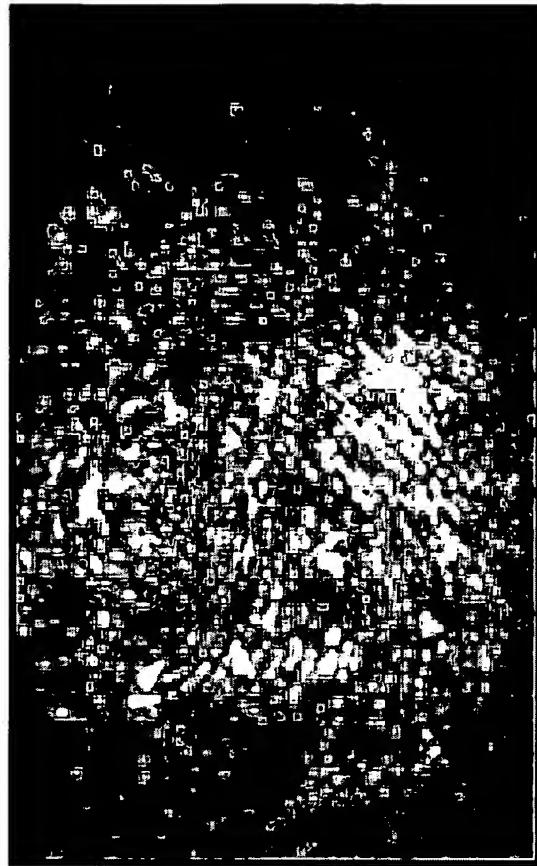


**A**



**B**

**Figure 7**

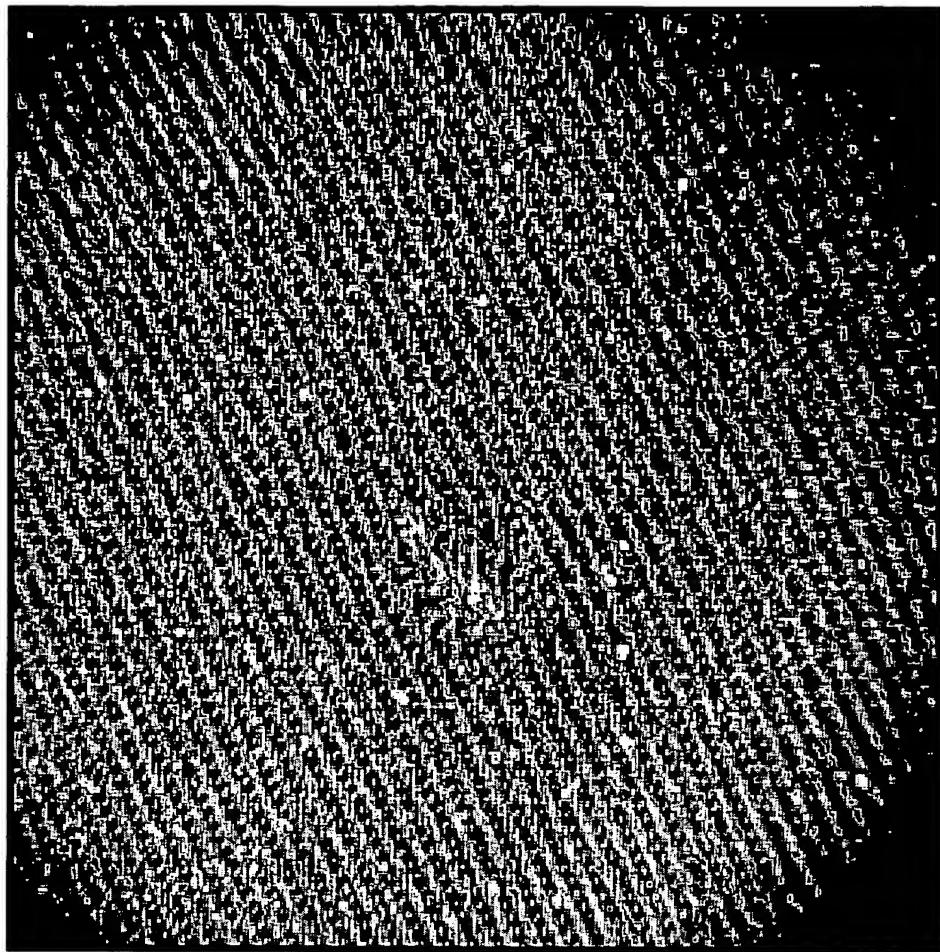


**A**

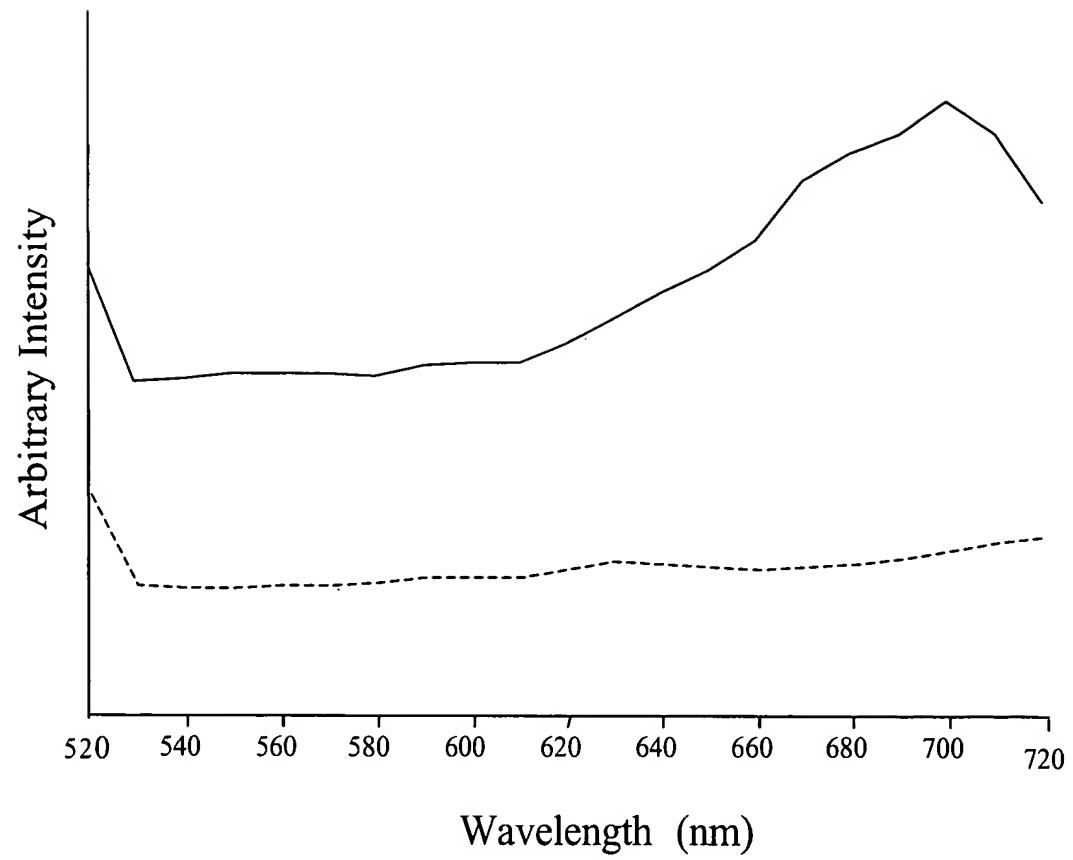


**B**

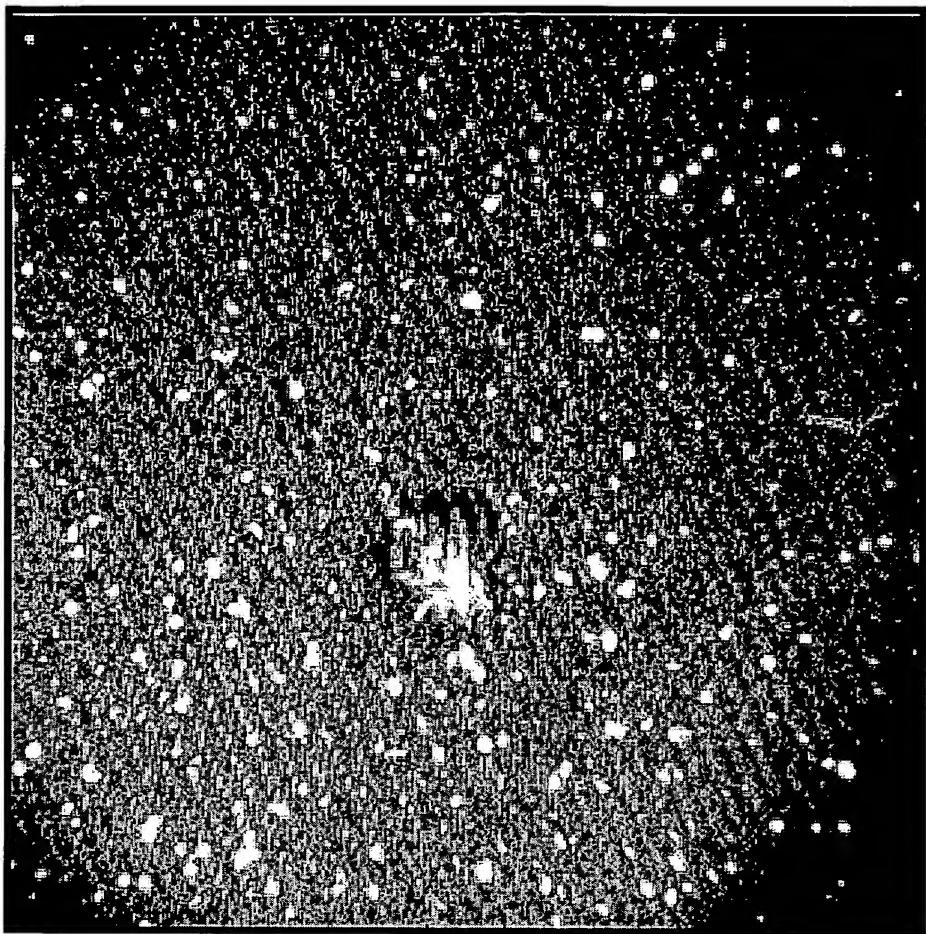
**Figure 8**



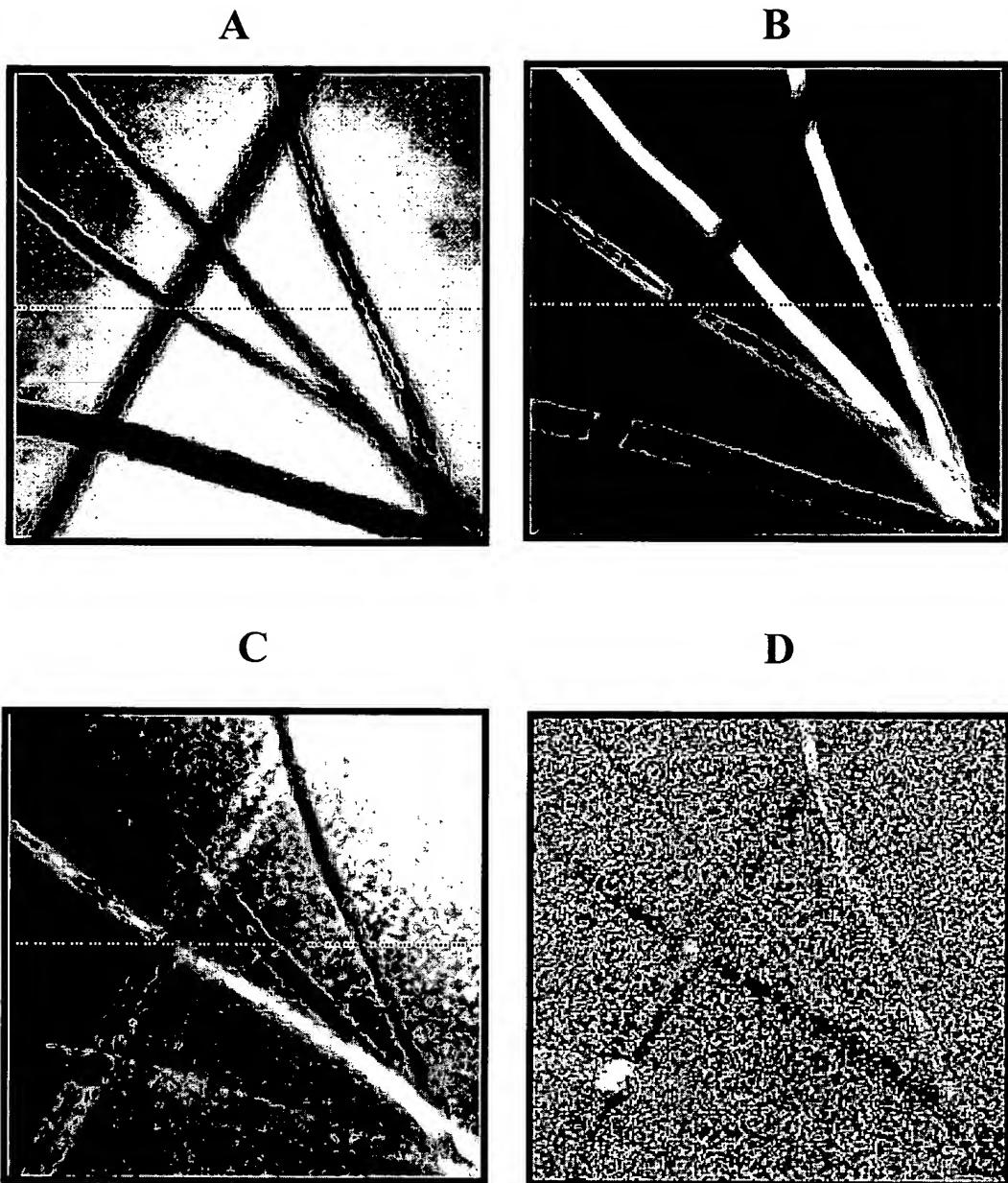
**Figure 9**



**Figure 10**

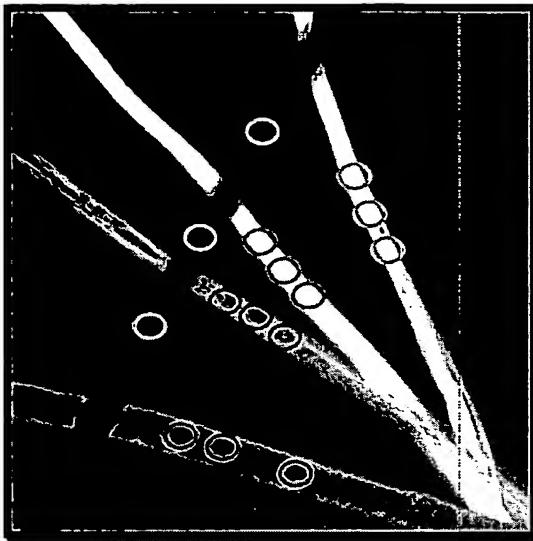


**Figure 11**

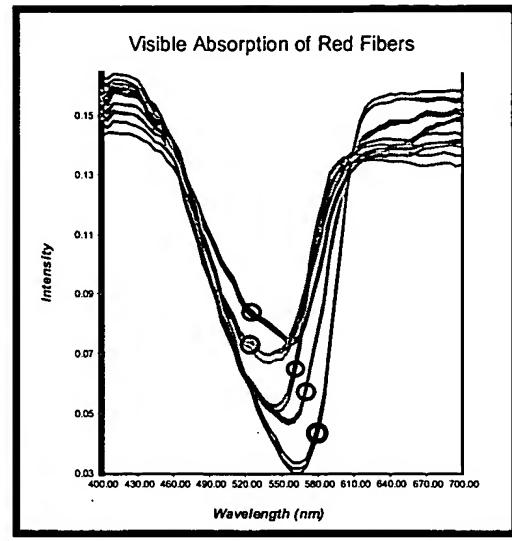


**Figure 12**

**A**

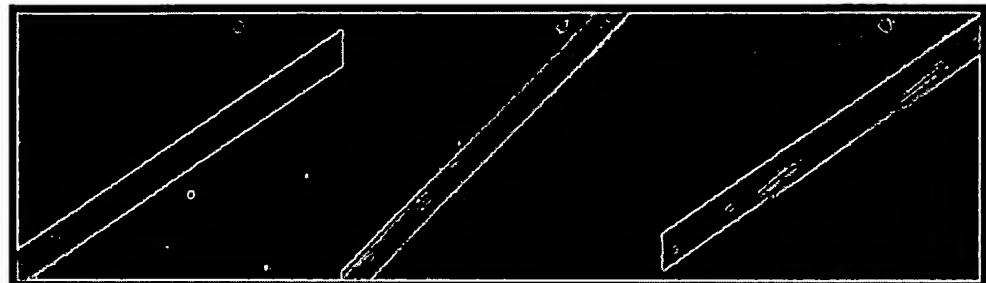


**B**



**Figure 13**

**A**

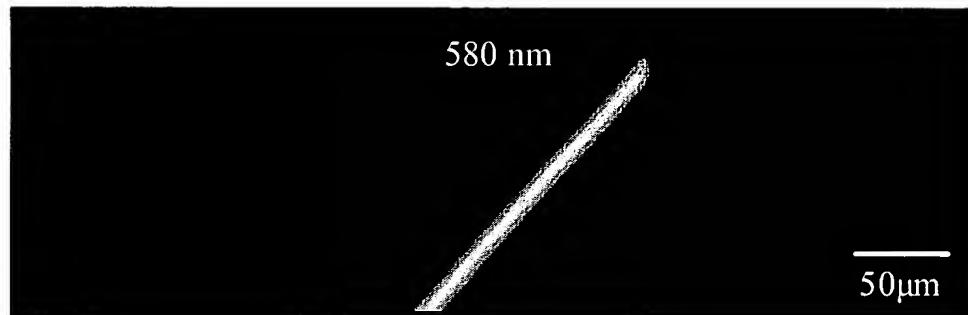


Fiber 1

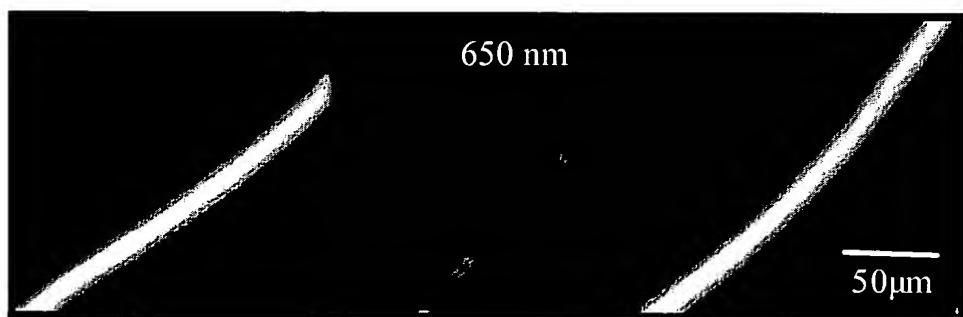
Fiber 2

Fiber 3

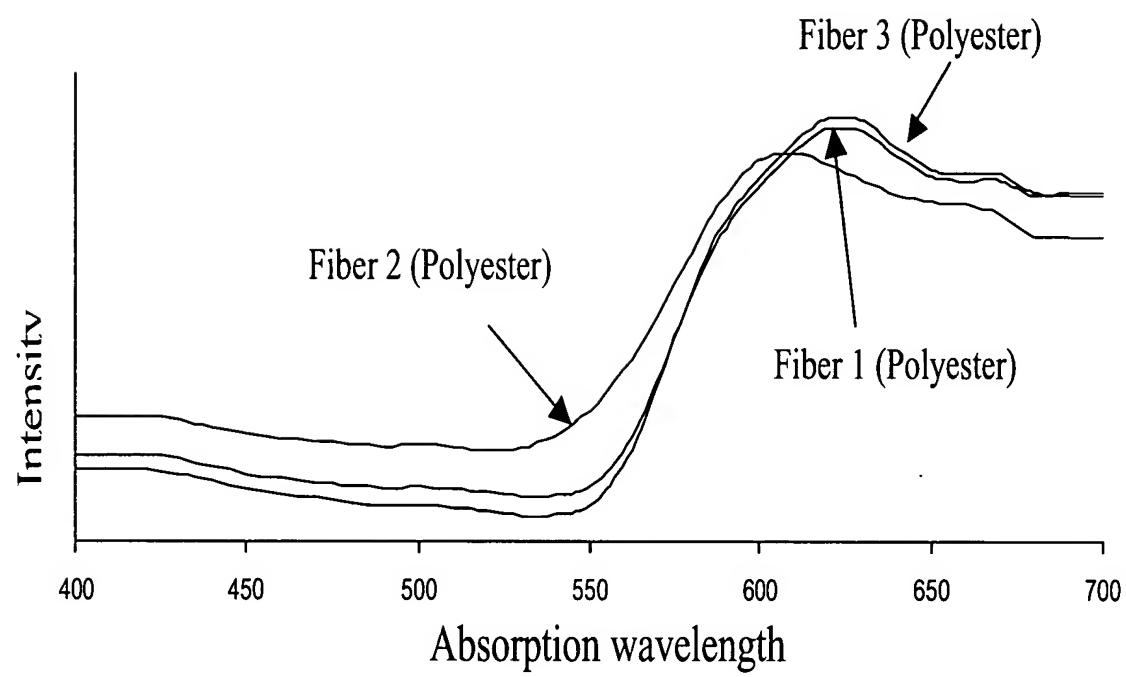
**B**



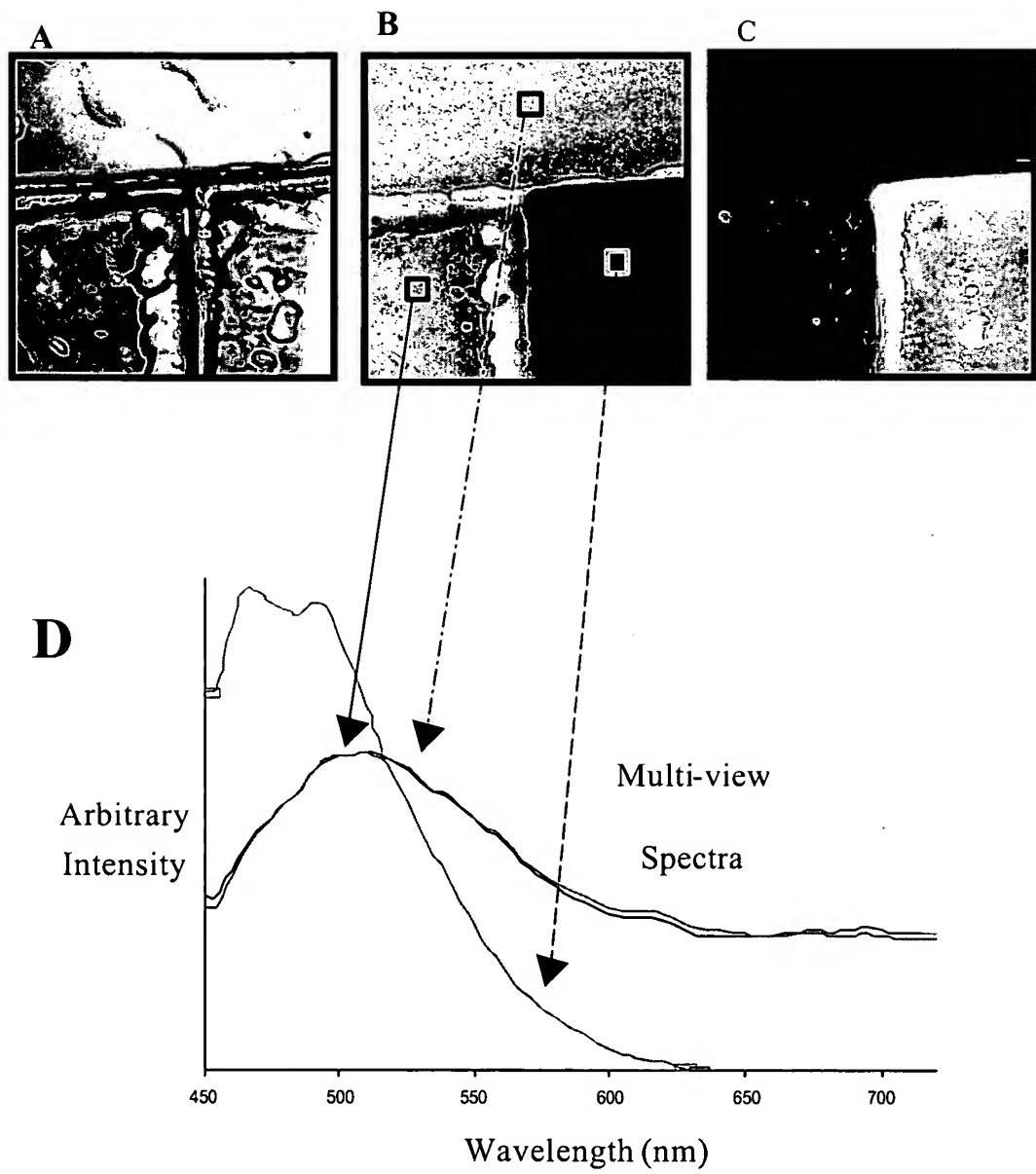
**C**



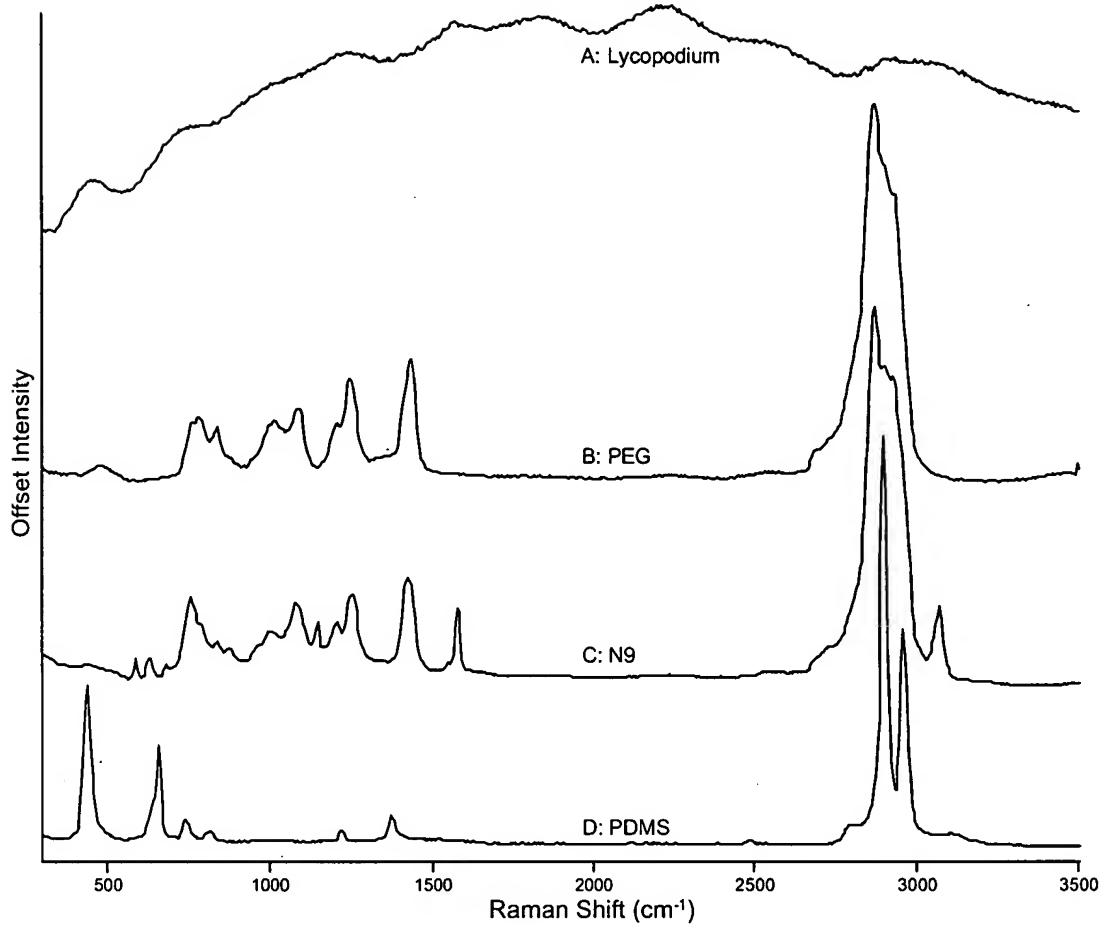
**Figure 14**



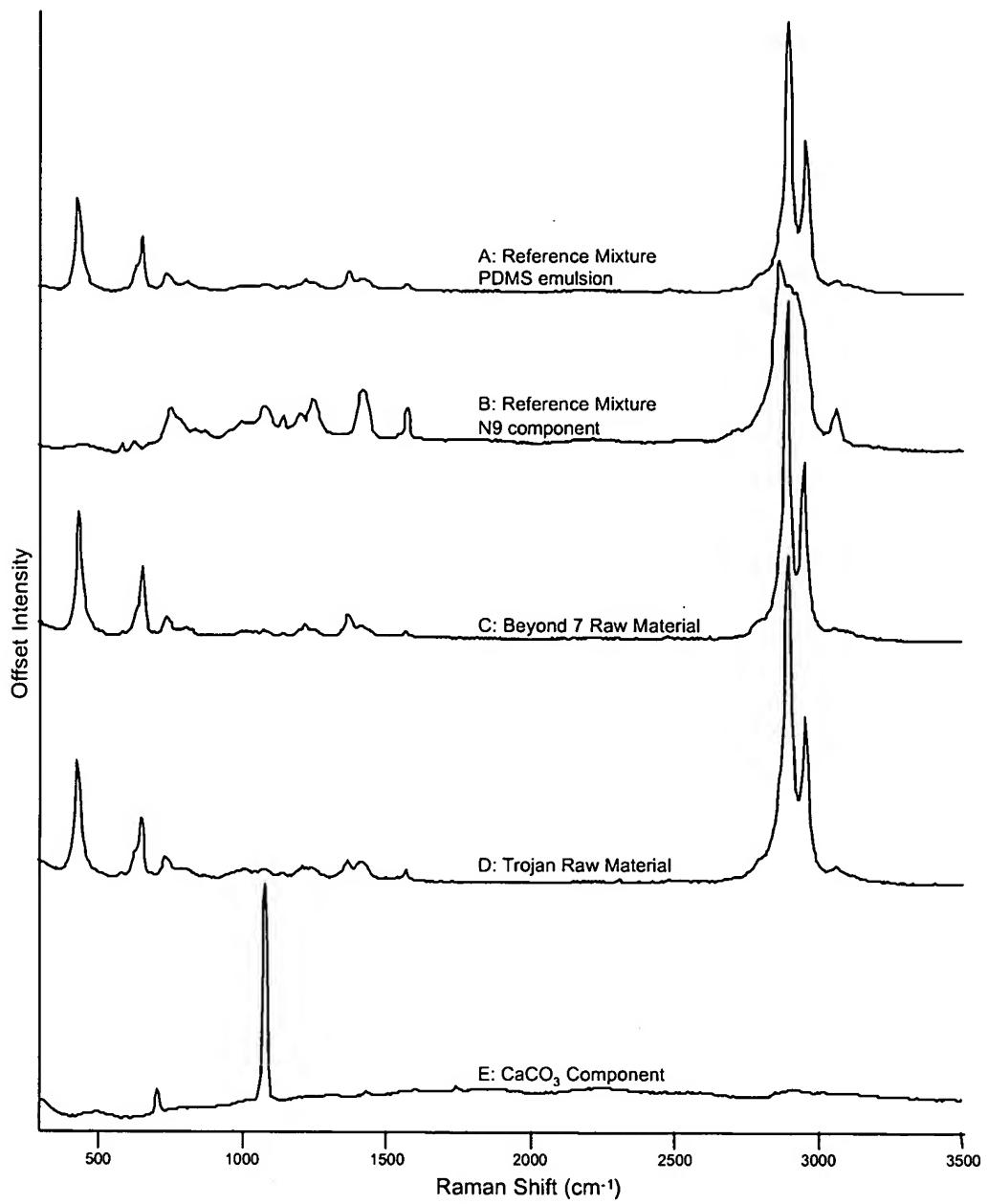
**Figure 15**



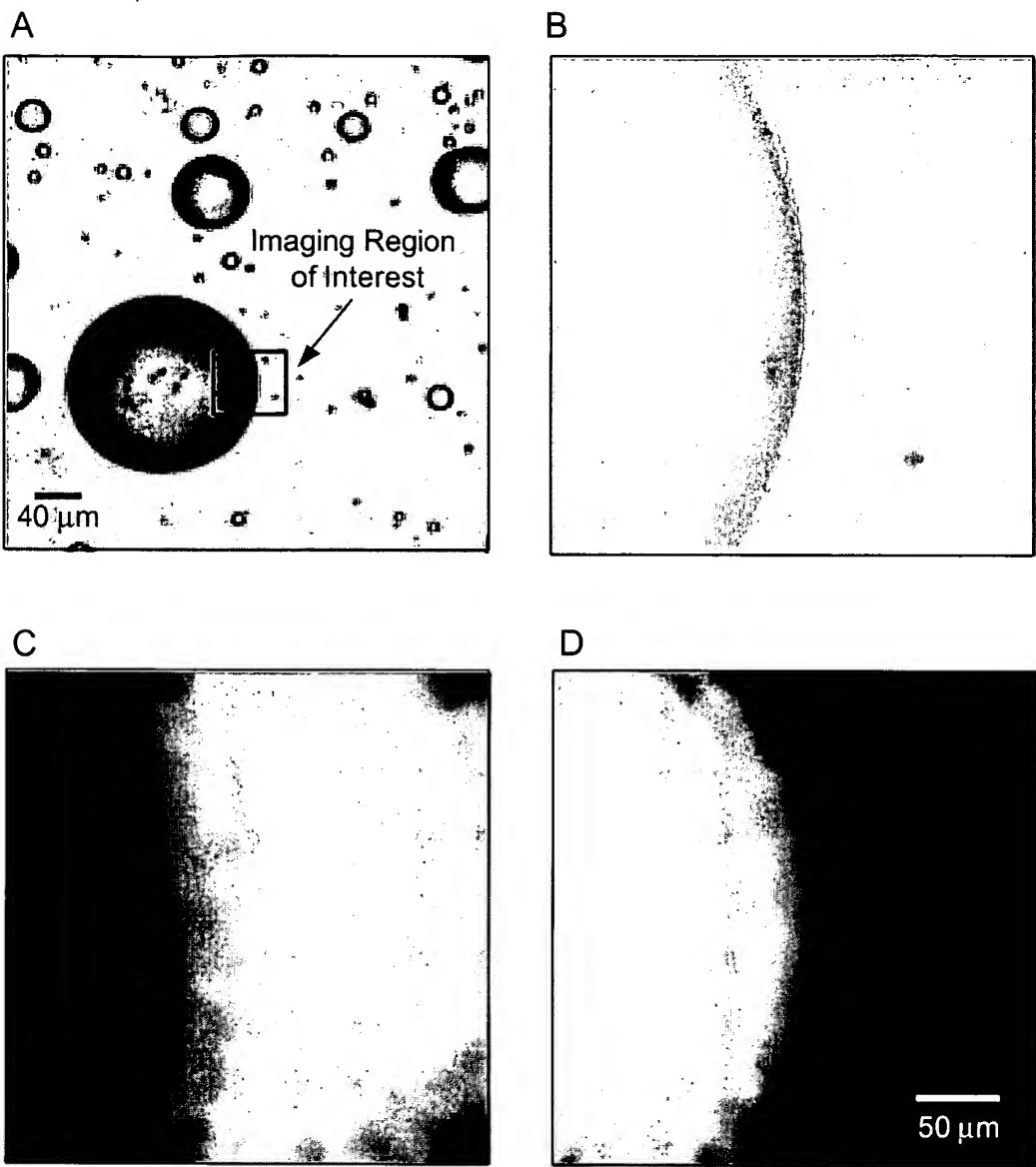
**Figure 16**



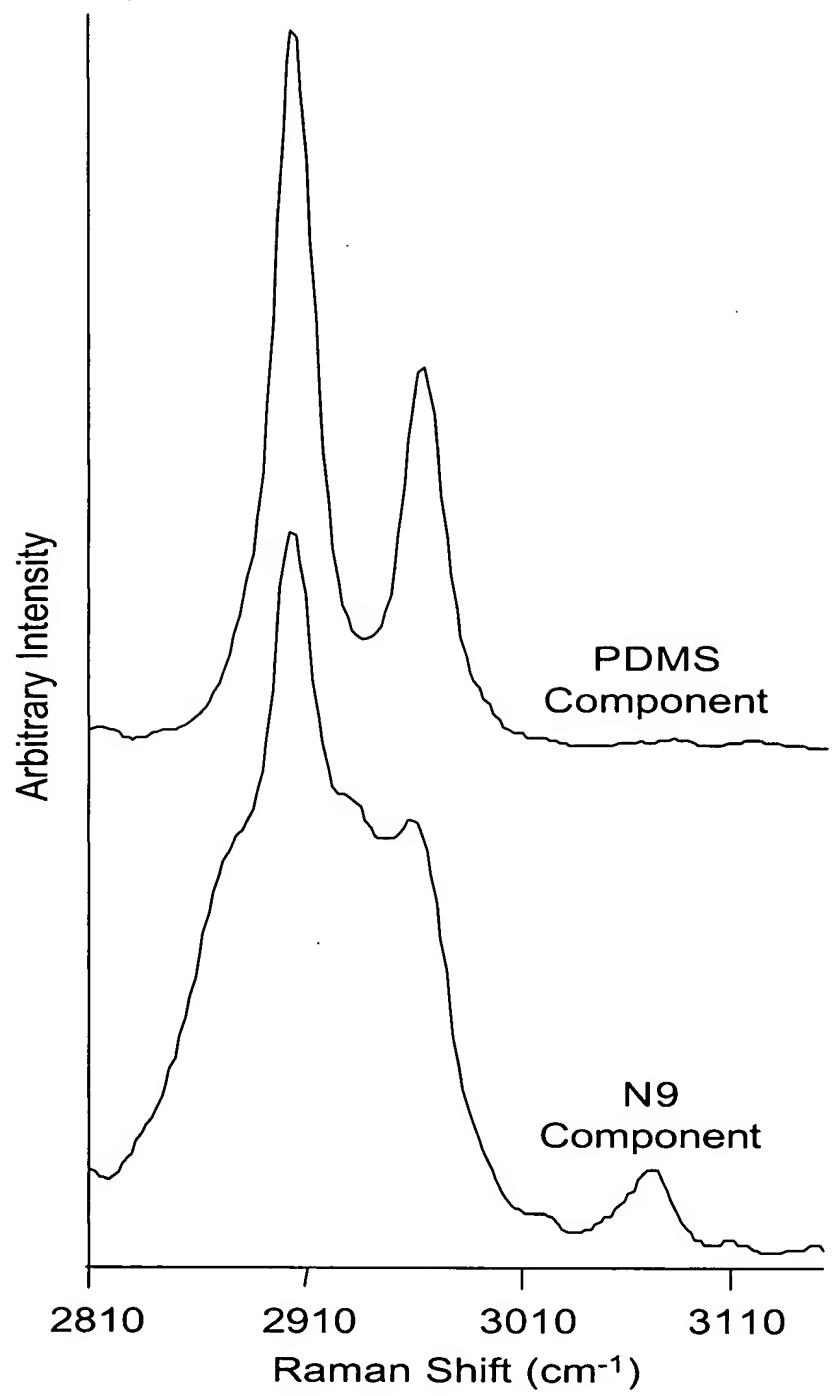
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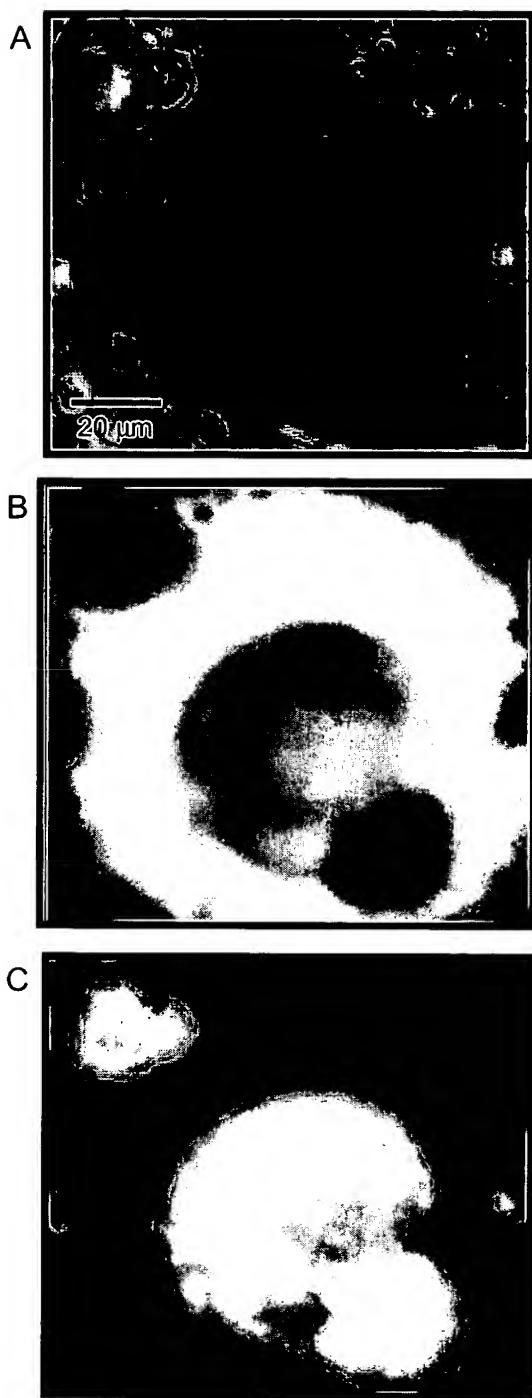
**Figure 18**



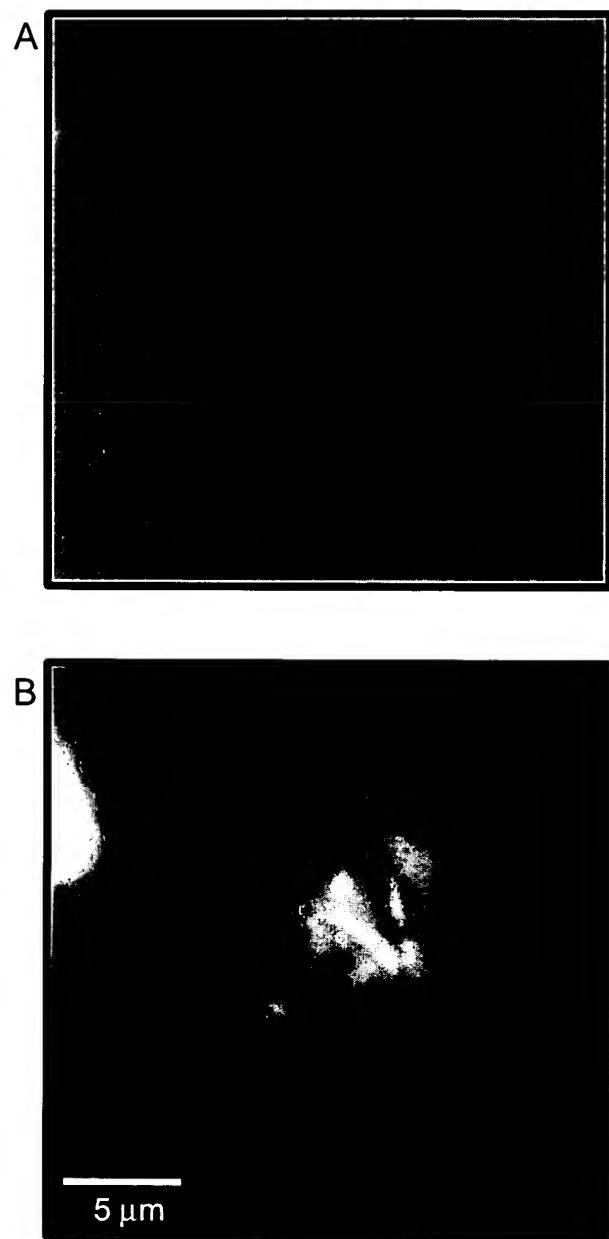
**Figure 19**



**Figure 20**



**Figure 21**



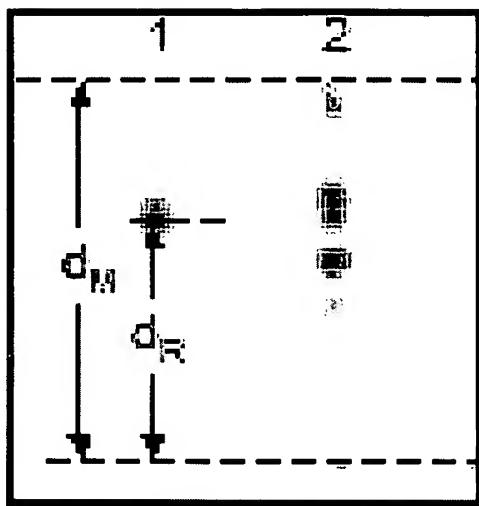
**Figure 22**

Table 1: RF values of band distances

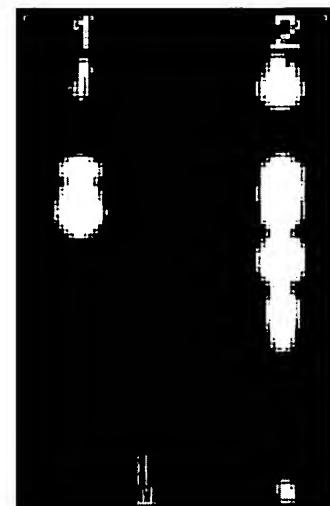
Unknown Ink 1		Known Ink 7	
Spot	R <sub>F</sub>	Spot	R <sub>F</sub>
1	0.5381	1	0.5934
2	0.581	2	0.624
3	0.6048	3	0.6445
4	0.6381	4	0.6701
5	0.8786	5	0.8568
Unknown Ink 2		Known Ink 5	
Spot	R <sub>F</sub>	Spot	R <sub>F</sub>
1	0.3119	1	0.3839
2	0.3786	2	0.4425
3	0.4214	3	0.4817
4	0.4786	4	0.5232
5	0.5476	5	0.5721
6	0.5952	6	0.6064
7	0.6429	7	0.6308
8	0.8405	8	0.8191

Figure 23

A



B



C

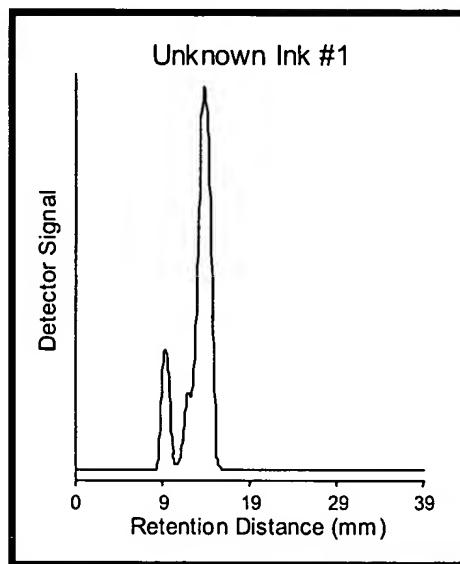
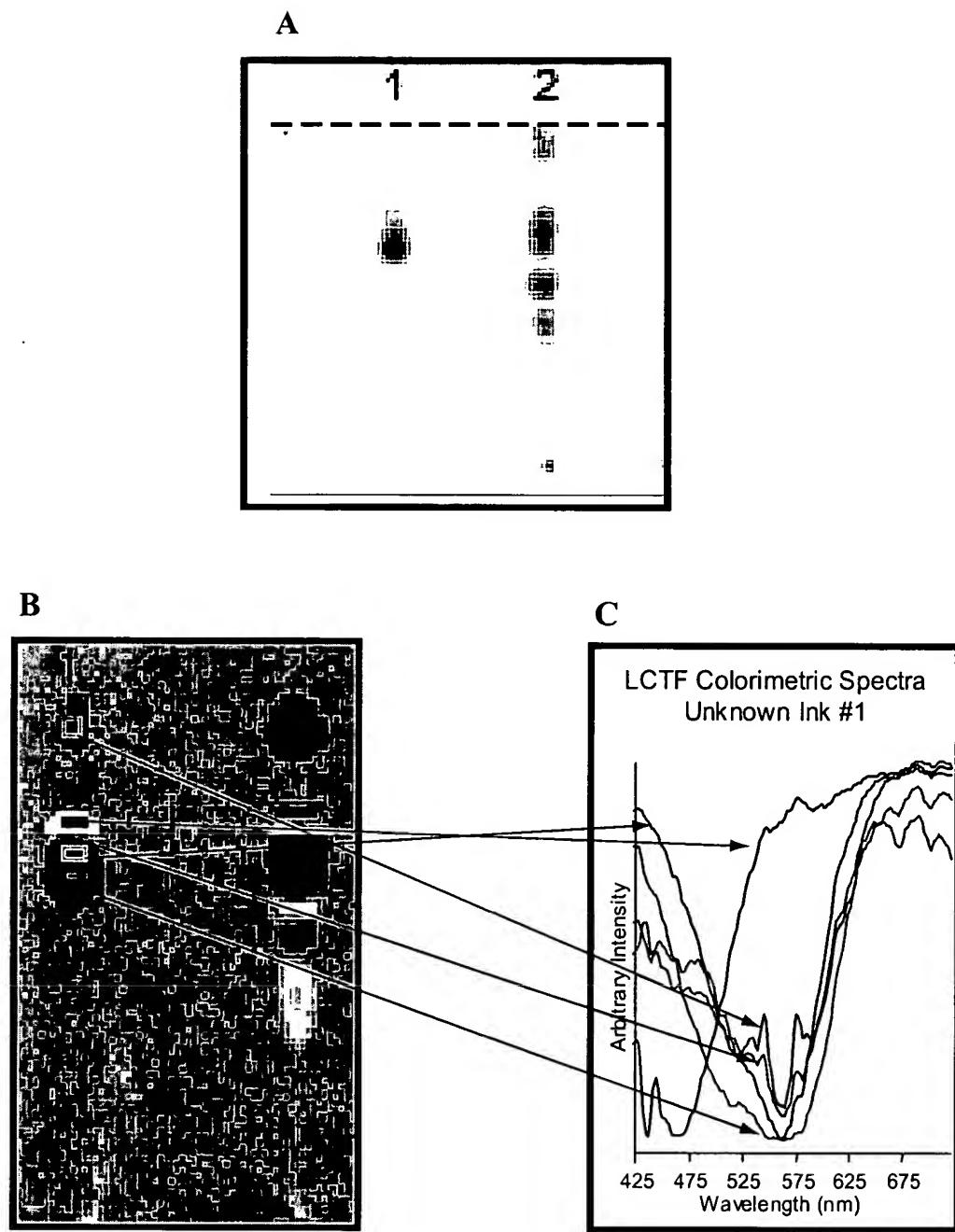
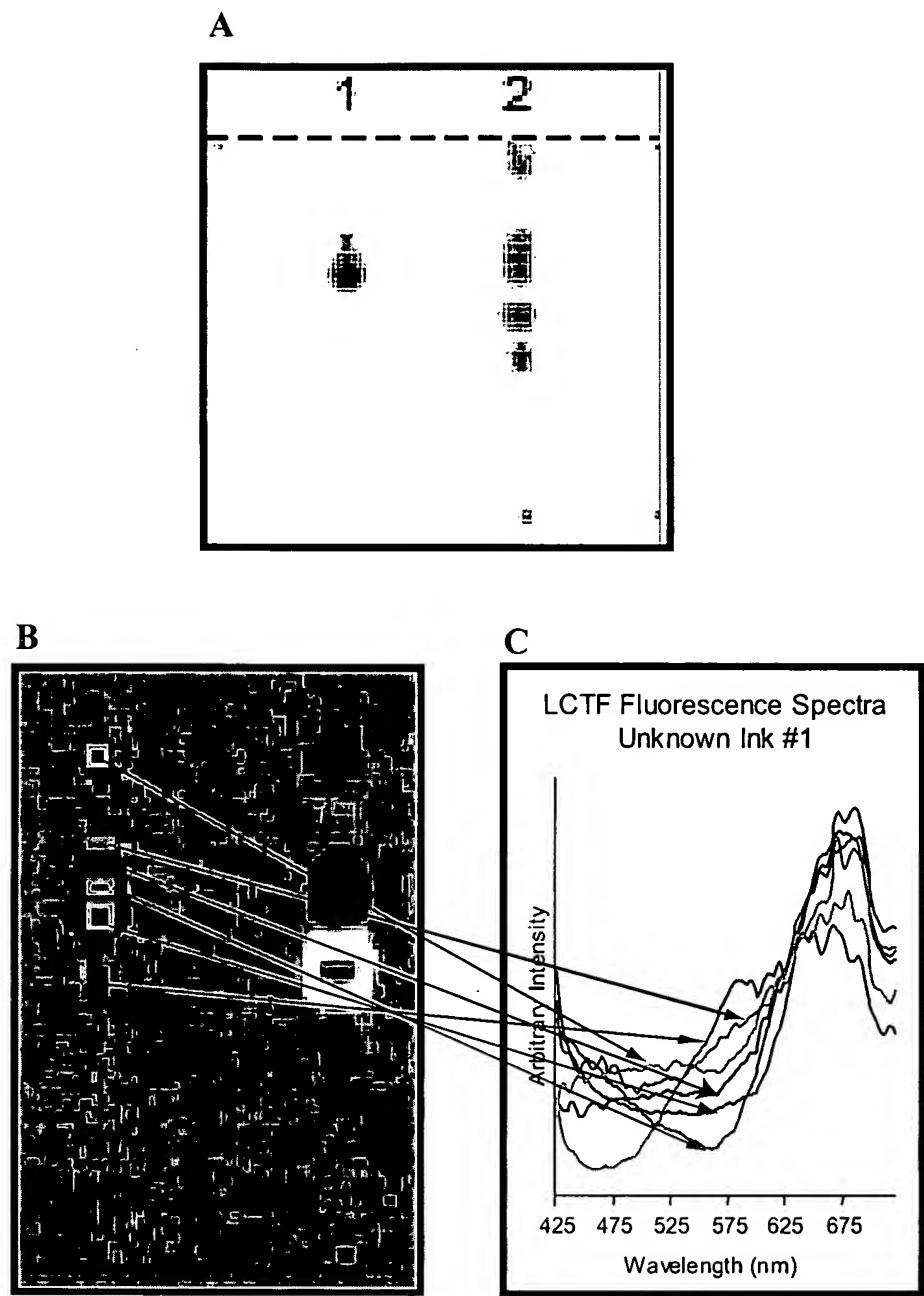


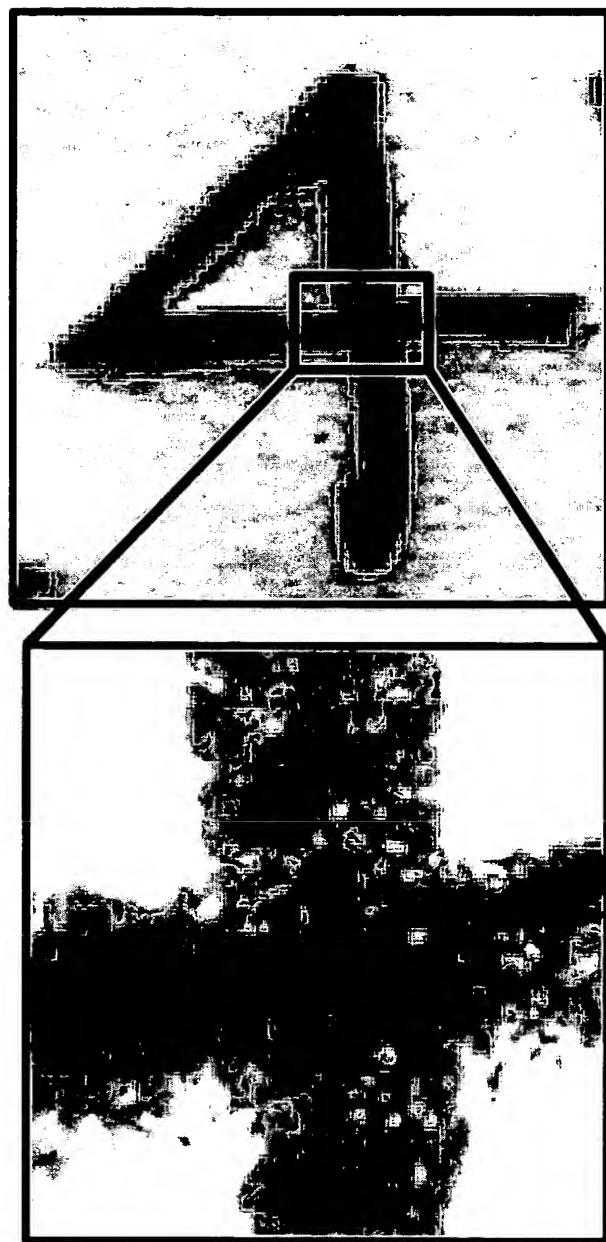
Figure 24



**Figure 25**

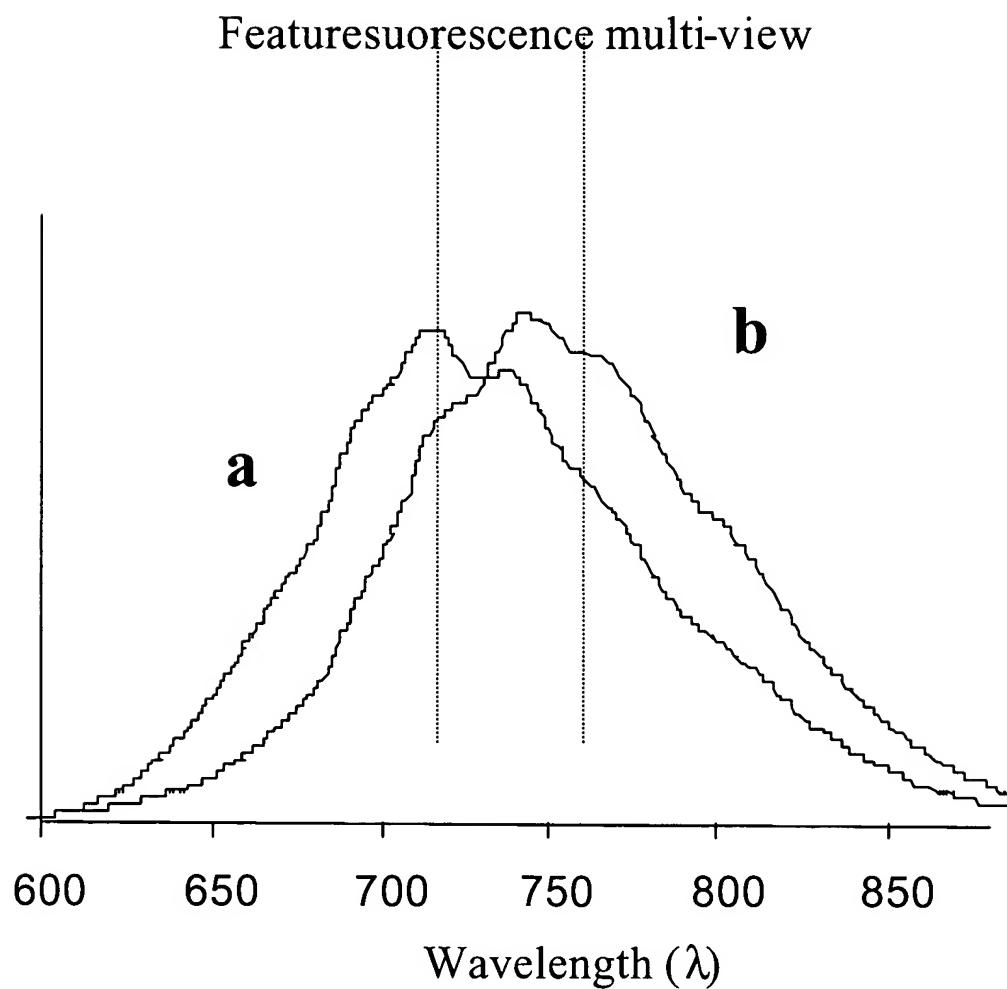


**Figure 26**



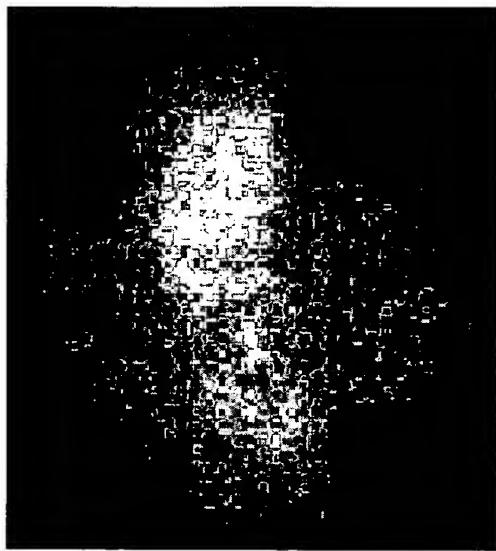
**Figure 27**

## Multi-view Features

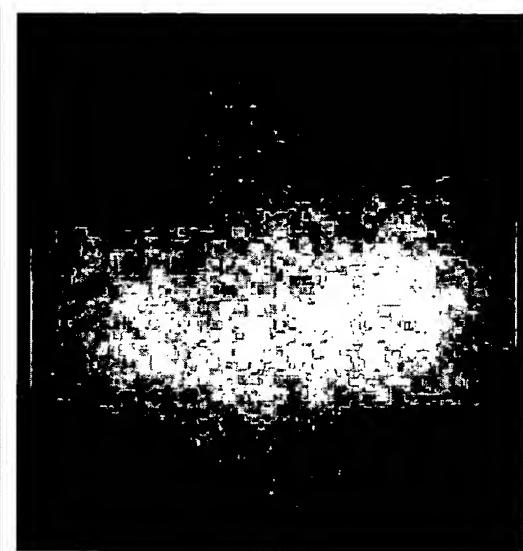


**Figure 28**

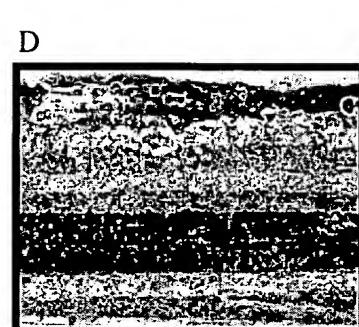
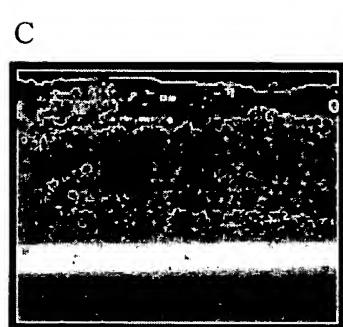
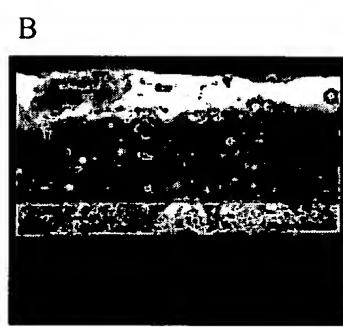
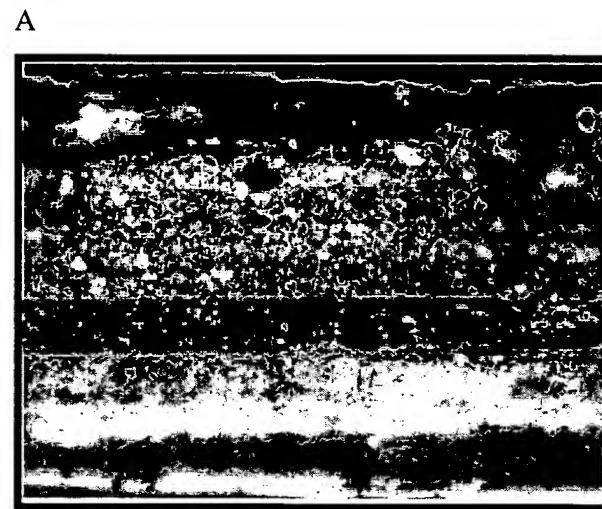
**A**



**B**



**Figure 29**



**Figure 30**